

G E B C O

GENERAL BATHYMETRIC CHART OF THE OCEANS



INTERGOVERNMENTAL OCEANOGRAPHIC
COMMISSION

COMMISSION OCEANOGRAPHIQUE
INTERGOUVERNEMENTALE

Paris



INTERNATIONAL HYDROGRAPHIC
ORGANIZATION

ORGANISATION HYDROGRAPHIQUE
INTERNATIONALE

MONACO

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17 September 2012

To: GEBCO Guiding Committee, Sub-Committee on Undersea Feature Names, Technical Sub-Committee on Ocean Mapping, interim Sub-Committee on Regional Undersea Mapping, Nippon Foundation/GEBCO Project Management Committee, GEBCO Scientific Advisers, Corresponding Members, UNH Alumni, IBC Chairmen/Editors and others.

Meeting in the Principality of Monaco, 1-5 October 2012

Third Circular

**Note: New items this circular: GEBCO Globes and TSCOM/SCRUM Agenda.
The GEBCO Science Day Program will be sent later this week.**

As announced in the First Circular of 24 March 2012 and the Second Circular of 05 August 2013 the GEBCO Guiding Committee, Technical Sub-Committee on Ocean Mapping (TSCOM), Sub-Committee on Regional Undersea Mapping (SCRUM) and Nippon Foundation/GEBCO Training Project Management Committee will meet at various venues in the Principality of Monaco. There will also be a GEBCO Science Day.

The address of the meeting is International Hydrographic Bureau, 4b Quai Antoine 1er B.P. 445, MC 98011 MONACO CEDEX, Telephone: +377 93 10 81 00, Telefax: + 377 93 10 81 40. Our host is the Directing Committee of the International Hydrographic Bureau. The contact for local arrangements is IHB's David Wyatt, email: David.Wyatt@iho.int

1. Program

All of the meetings and activities will start at 09:00. The GEBCO Science Day is open to all. The joint TSCOM/SCRUM meeting is also open, but please let the Chairmen know if you intend to participate. The Guiding Committee will not meet in open

session although some key non-GC members and official observers will be invited to attend.

In addition to the GEBCO meetings in Monaco, the IHO/IAG Advisory Board on the Law of the Sea (ABLOS) will also meet during the first week in October (See: [ABLOS Conference web site](#)). Attendees at the ABLOS Conference have been invited to come one day early to attend the GEBCO Science Day; GEBCO attendees are invited to attend the ABLOS Conference Day one at no cost. Should a GEBCO attendee wish to attend the other days of the ABLOS Conference, they would have to register and pay to attend the ABLOS Conference.

Monday, October 1, 2012

Joint TSCOM-SCRUM Subcommittee meeting at the International Hydrographic Bureau, 4b Quai Antoine 1er B.P. 445. Meeting ends for the day at afternoon coffee break.

Nippon Foundation GEBCO Training Project Management Committee will meet at 15:00 to 17:00 at the International Hydrographic Bureau.

Tuesday, October 2, 2011

GEBCO Science Day in the Princess Grace Theater at the Salle du Ponant, 12 avenue d'Ostende.

Note: All attendees MUST be seated in the Princess Grace Theater at 08:45 for the Opening Ceremony.

Wednesday, October 3, 2011

ABLOS Conference Day one, at the Princess Grace Theater, Salle du Ponant.

Thursday, October 4, 2011

Joint TSCOM-SCRUM Subcommittee meeting at the International Hydrographic Bureau.

Friday, October 7, 2011

GEBCO Guiding Committee at the International Hydrographic Bureau

2. Transportation

Transportation to the meetings sites from the hotels

Hotels in Monaco are within walking distance of both the IHB and the Salle du Ponant. For those accommodated further away there is a regular rail service between Nice and Menton, all trains stop at Monaco-Monte Carlo station, which is a short walk from the IHB and the Salle du Ponant. The 100 bus also runs a regular service between Nice and Menton, picking-up at various points along its coastal route with stops close to the IHB and the Salle du Ponant in the main harbor and outside the Casino. The cost of a bus journey is €1 each way, regardless of length.

Traveling from Nice Airport to Monaco

Bus service

The NICE AIRPORT (Aéroport de Nice COTE D'AZUR) bus service between Nice Airport and Monaco departs from Nice Airport (Terminal 1 + 2) 2 times every hour between 08.45 and 21:15. This service, which travels to Monaco via the motorway

(autoroute), takes approximately 45 minutes and costs approximately 19 Euros per one way ticket, although it is cheaper to buy a return (aller-retour) ticket. The service from Monaco to Nice Airport starts with the first bus departing at 06:20 (week ends 7:35) then runs every 1/2 hour until 20:30. There are several pick-up/drop-off points in Monaco, which include: Allées Lumière (in front of the Park Palace), Place Sainte Dévote, Place d'Armes, Fontvieille (outside the Marriott Hotel) (ex-Ramada) and the Rose Gardens. [For further information click here.](#)

Taxi service

An all hours taxis service is available at Nice Airport. The journey between Nice Airport and Monaco takes approximately 1 hour, and costs approximately 80 Euros.

Taxi + Train

A slightly less costly option is to take a taxi to the main Nice train station (in French "La gare Nice-Ville"), where there is a regular train service to Monaco and beyond. Approximate price of taxi + 2nd class train ticket: 22 Euros + 3,3 Euros.

3. GEBCO Globes

The GEBCO World Ocean Bathymetry map has been made into a globe. There will be two sizes of globes available at the GEBCO meetings in Monaco.

- 32cm globes - the price will be \$125US plus the shipping cost to have them shipped to Monaco which is unknown at this time. It could be as much as \$50US.
- 14 cm globes - the price will be \$15US plus the shipping cost to have them shipped to Monaco which is unknown at this time. It could be as much as \$5US.

Please see Bob Anderson at the GEBCO meetings to purchase one. Payment can also be made in Euros. Since the globes will be available at the GEBCO meetings, the purchaser must take responsibility getting them back to their home destination.

Also available for order are 62cm globes mounted on a floor stand. They are priced at \$3400US plus shipping costs from Seattle, Washington, USA. Shipping cost estimates (air freight) vary from about \$700 to \$1400 each, depending on destination. For ordering, see Bob Anderson at the GEBCO meeting. A deposit of \$2500US is required when ordering.

4. Hotel accommodation

The IHB has made block bookings for the ABLOS Conference and GEBCO meetings for the period 30 September to 6 October. See Circular 2 for a complete list of hotels.

There are many other hotels in the vicinity, details can be found on the IHO web site at: http://www.iho.int/srv1/index.php?option=com_content&view=article&id=386&Itemid=304
Additional hotels may be available though the various online hotel booking web sites.

5. Other Activities

HSH Prince Albert will be attending and addressing the Opening Ceremony of the IOC-IHO GEBCO Science Day and the 7th ABLOS Conference on Tuesday 2 October. The IHO will be hosting, from 1800 to 2000 on Tuesday 2 October, a GEBCO/ABLOS reception in the foyer of the Princess Grace Theatre, where it is planned to display the GEBCO Science Day poster exhibition.

6. Meeting Registration

If you have not already done so, it is very important that you register your attendance to the GEBCO meetings and Science Day with the GEBCO Permanent Secretary, David Clark, at the address above

7. Last minute details

The GEBCO website (<http://www.gebco.net/>) is a good source of information and see http://www.gebco.net/about_us/meetings_and_minutes/ 'Upcoming and recent meetings', for any last minute updates to the agendas, notes, etc.

Best regards,



David Clark, GEBCO Permanent Secretary

Attachment

Agenda TSCOM and SCRUM

for the GEBCO meetings in Monaco, October 1-5, 2012

Monday Oct 1 SCRUM and TSCOM

09:00: SCRUM activities and preoccupations (Martin Jakobsson)

09:15: TSCOM activities and preoccupations (Karen Marks)

Short Status Reports from regional compilations

09:30: International Bathymetric Chart of the Southern Ocean (IBCSO) Hans-Werner/Jan Erik Arndt

09:45: International Bathymetric Chart of the Arctic Ocean (IBCAO) (Martin Jakobsson)

10.00-10.30 Refreshment Break

10.30: International Bathymetric Chart of the East Pacific (IBCEP) (Hugo Montoro)

10:45: Indian Ocean GEBCO Nippon Foundation Bathymetric Compilation (Rochelle/Dave)

11:00: The Baltic Sea Hydrographic Commission (BSHC) grid (??)

11:15: International Bathymetric Chart of the Caribbean Sea and the Gulf of Mexico (IBCCA)?

Gridding and error estimations

11.30: The route towards a new GEBCO grid: (Pauline Weatherall)

12.00-13.30 Lunch (at IHB)

Gridding, cont..

13:30: GEBCO Cook Book (Karen Marks)

13:45: Estimating errors in gridded bathymetric compilations (Paul Elmore)

14:00: Updating Google Ocean with new bathymetry (Jenifer Austin)

14:15: ESRI (Beata Van Esch)

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14.30-15.00: Refreshment Break

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(15:00 - 17:00 GEBCO-Nippon Project Management Meeting)

Thursday 4 Oct (SCRUM and TSCOM)

Break-out sessions (09:00-17:00)

Topics:

1. Regional compilations
2. GEBCO Cook Book
3. Updating the GEBCO grid
4. GEBCO data store